



PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT(S): Norman R. Westfall  
SERIAL NO: Not Yet Assigned  
FILED: Concurrently Herewith  
TITLE: CURL SPRING SHOE BASED WINDOW BALANCE SYSTEM  
**INFORMATION DISCLOSURE STATEMENT**

Commissioner of Patents  
and Trademarks  
Washington, D. C. 20231

Dear Sir:

Applicant is aware of many arrangements of constant force curl springs in window balance systems, as shown in the enclosed collection of patents listed on the enclosed Form PTO-1449. Even though the art abounds with suggestions for mounting curl springs in window balance systems, it has not suggested the claimed way of containing curled up convolutions of the springs in sash shoes and mounting free ends of the springs in shoe channels. The art also does not suggest the claimed configurations of sash shoe, sash locking mechanism, spring mount, and other particulars of the inventive system.

For any question on the art or the application, the Examiner is invited to call applicant's attorney.

Respectfully submitted,  
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Enclosures  
Dated: APR 01 1993

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Carol Austin  
*Carol Austin*